

In the claims:

A 19. (new) An apparatus for comparing the binding strengths of a plurality of different ligands to a receptor, said apparatus comprising means for coating a plurality of micro-cantilever structures with the receptors; wherein said means applies said coatings to at least a part of a surface of each micro=cantilever structure; means for contacting each micro=cantilever structure with a different ligand solution; and means for comparing the amounts by which the micro-cantilever structures deflect when contacted with the respective ligand solutions in the absence of any vibration of the micro-cantilever structures.